

19981113.ba v02_n299.bam.981113

>From ???@??? Sat Nov 14 11:01:39 1998
Message-Id: <199811131716.LAA11633@sco.theporch.com>
Date: Fri, 13 Nov 1998 11:16:09 CST
Subject: BOATANCHORS digest 2299

BOATANCHORS Digest 2299

Topics covered in this issue include:

- 1) Re: Max Level 15 dB??
by "Arden Allen" <gumbear@pacbell.net>
- 2) NC-100X at last!
by "Lawrence R. Ware" <lrware@pipeline.com>
- 3) Re: BOATANCHORS digest 2298: Perveance
by "David M. Upton" <david@wb1cmg.mv.com>
- 4) Re: Max Level 15 dB??
by lurch <lurch@theramp.net>
- 5) Re: Max Level 15 dB??
by Morris Odell <morriso@vifp.monash.edu.au>
- 6) Re: Hallicrafters FPM-200
by Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
- 7) FA: LAST DAY - COLLINS KWM2A STATION
by Terry Muncey <tsm@electrosys.com>
- 8) FA: LAST DAY - HALLICRAFTERS SX-43
by Terry Muncey <tsm@electrosys.com>
- 9) Re: FA: LAST DAY - HALLICRAFTERS SX-43
by "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
- 10) Re: FA: LAST DAY - HALLICRAFTERS SX-43
by Heinz und Hannelore Breuer <hbreuer@primus-online.de>
- 11) Re: Max Level 15 dB??
by Bob Roehrig <broehrig@admin.aurora.edu>
- 12) RELiant (Eldico?) Type S-119 System
by K1HC@aol.com
- 13) dry-transfers
by "Ed Santavicca" <santavic@ct.picker.com>
- 14) E-bay and "boatanchors" the list
by "Lawrence R. Ware" <lrware@pipeline.com>
- 15) Re: FA: LAST DAY - HALLICRAFTERS SX-43
by "Owens, Clarence" <owensc@nebeng.otis.com>
- 16) Junk Box Search
by "Jay H. Miller" <jmiller@teleteam.net>
- 17) Junk Box Search- Clarification
by "Jay H. Miller" <jmiller@teleteam.net>
- 18) GF-11 request
by "Schroeder, Russell G" <Russell.Schroeder@usa.xerox.com>
- 19) Re: Max Level 15 dB??

by ail0@lehigh.edu (ARTHUR I. LARKY)
20) books for sale
by Doug Ripka <dlr11@scasd.k12.pa.us>
21) Re: RELiant (Eldico?) Type S-119 System
by thompson@mindspring.com

Message-Id: <199811130356.TAA08877@mail-gw3.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Max Level 15 dB??
Date: Thu, 12 Nov 1998 19:56:47 -0800
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Art sez:

> Here comes my two cents:.....

Well, I'm not sure I can top that. But I can say that I LIKE dbm. The 1 mW into XX ohms kind. It gives me a nice homey feeling. No circuit functions at zero or infinite power level so it's encouraging to know what kind of hardware you are dealing with in terms of its power handling ability. Take for instance a cable amplifier: It's gotta drive a 50 or 75 ohm line with a wide spectrum of RF signals. At any one given time the algebraic sum of the voltages can produce a peak power MANY db above the rms voltage derived power level of an individual signal. That's why those guys are so nuts about intercept points and db's of compression, etc. Any REAL signal processing system these days worth a hoot is very mindfull of power levels, although dbm is not the reference level for lots of measurements of late. What do audio and broadcast folks use for standards these days to hump signals in and around studios and transmitting sights? Bobbi? Scott? Mr. Rogers?

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <3.0.5.32.19981112231108.008b2470@pop.pipeline.com>
Date: Thu, 12 Nov 1998 23:11:08 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: NC-100X at last!
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Happy Happy, Joy Joy!
Today a quite nice (and *very* restorable) NC-100X arrived via UPS.

This is the art deco one with the red stripe on the front.
It has the crystal filter option, the early tuning eye, and the
face is in 8+ condition!

Many of you know I collect/restore/write about the National
coil-catacomb line. This is the grandfather of them all.
I have searched, bought want ads, pestered friends and you; Fellow
"net collectors" for over two years solid searching for a good
example of this radio.

Now I have one.... <insert huge grin here!>

As time allows, I will begin restoration of this wonderful
relic of the empire. I hope to do my first museum quality
working restoration on this one.
Normally I'm more into "looks OK, works well" kind of work.
But for this one I'll try and make everything as perfect as
I know how.....

Since I get a fair amount of positive feedback posting about
Nationals as I coax them back to life around here, I'll keep
everybody up to date as this one progresses....

-Larry

-Larry Ware
lrware@pipeline.com
Orlando, Florida

Message-ID: <364BCA33.7918@wb1cmg.mv.com>
Date: Thu, 12 Nov 1998 21:57:07 -0800
From: "David M. Upton" <david@wb1cmg.mv.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: BOATANCHORS digest 2298: Perveance
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In SS electronics, compliance is defined as the voltage limits at which
the current sources within a circuit become saturated or quit. So to
stay within compliance limits is to insure that the current sources
remain linear and high impedance as they are supposed to be. Perveance
is the dual of compliance when dealing with voltage sources in a
Thevenin equivalent circuit. So it could be interpreted as the current
limits at which the voltage source becomes saturated or quits. I have
always interpreted this to mean in vacuum tubes as devices capable of
supplying large currents at relatively low plate voltages. This applies

to beam power tubes and most common transmitting types in use today. Earlier designs required high plate voltages (UV-204A anyone?) to elicit large cathode emission currents. Thus a "high perveance" tube can operate at lower plate voltages for equivalent power handling. This also implies that for a given output power the load impedance is reduced which helps in matching the tube to low impedance loads. I hope that clears things up with regard to the use of the term, its application to practical circuit theory, and how it might have been applied by the marketing guys in the sales dept.

David M. Upton, WB1CMG

Message-ID: <364BB7DB.A11@theramp.net>
Date: Thu, 12 Nov 1998 22:38:51 -0600
From: lurch <lurch@theramp.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: Max Level 15 dB??
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roberta J. Barmore wrote:

>>SNIP<<

> That's the trouble with the deciBel, it's a "compared to what?"
> measurement and every subdivision of the electronic art has their own
> favorite "what!" "dBm" is among the worst, as it has differing meanings
> in RF & audio work (50R vs 600R). In audio these days, with 0R sources
> and very high-R loads, "dBV" is used, with the "V" referring to
> 0.7745967...V. One of the other fun ones is the FCC's dBk, decibels
> referred to a kiloWatt

>>SNIP<<

And where I work, doing EMI testing, it's dBuV (dB over a microvolt) for European products and dBm (dB over a mV, NOT to be confused with dBm, db o/1 mW) for domestic...

Message-ID: <364BBE38.B509D32@vifp.monash.edu.au>
Date: Fri, 13 Nov 1998 16:06:00 +1100
From: Morris Odell <morriso@vifp.monash.edu.au>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Max Level 15 dB??

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

lurch wrote:

```
> Roberta J. Barmore wrote:
>
> >>SNIP<<
>
> > That's the trouble with the deciBel, it's a "compared to what?"
> > measurement and every subdivision of the electronic art has their own
> > favorite "what!" "dBm" is among the worst, as it has differing meanings
> > in RF & audio work (50R vs 600R). In audio these days, with 0R sources
> > and very high-R loads, "dBV" is used, with the "V" referring to
> > 0.7745967...V. One of the other fun ones is the FCC's dBk, deciBels
> > referred to a kiloWatt
>
> >>SNIP<<
>
> And where I work, doing EMI testing, it's dBuV (dB over a microvolt) for
> European products and dBm (dB over a mV, NOT to be confused with dBm, db
> o/1 mW) for domestic...
```

And where I work it's dB of light intensity in visual field charting...

73 de Morris VK3DOC

Message-Id: <v0310280db271c496af3e@[134.53.65.12]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Nov 1998 07:23:43 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
Subject: Re: Hallicrafters FPM-200
Cc: boatanchors@theporch.com

>Dear Jim,

```
My supervisor has been salivating for an FPM-200. I
>told him they
>are rare.
>Could you tell me what your survey of owners yielded?
>Thanks      Jim      WA3RSP      ferguson@telerama.com
```

Hi Jim,

Yes, the Hallicrafters FPM-200 appears to be extremely rare, and your

supervisor will be hard-pressed to find one. My informal survey in December, 1996, yielded only six FPM-200s, besides one presumably owned by Hallicrafters collector, Chuck Dachis. One or two persons reported FPM-200 sightings at hamfests. The owners are : AA4RM. W8ZR, W9RAN, KD6KDR, WB4DBB, and HB9AQS. Only about half of these units appear to be working, and at least one was apparently assembled by piecing together spare modules.

Since my query about ownership was directed to the Boatanchors List, which includes many if not most of the serious collectors in the country, I'd have to conclude that the total number of existing FPM-200s is probably not more than a dozen. I'll distribute this msg to the List in the hopes of scrounging up additional owners.

73,

Jim Garland W8ZR

Message-ID:

<c=US%a=_ecs%p=ElectroSys%l=WEBMASTER-981113135023Z-263@webmaster.eletrosys.com>

From: Terry Muncey <tsm@electrosys.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: FA: LAST DAY - COLLINS KWM2A STATION

Date: Fri, 13 Nov 1998 07:50:23 -0600

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

For those who are interested in real clean boatanchors, don't miss this one at:

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=40642480>

Message-ID:

<c=US%a=_ecs%p=ElectroSys%l=WEBMASTER-981113135333Z-264@webmaster.eletrosys.com>

From: Terry Muncey <tsm@electrosys.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: FA: LAST DAY - HALLICRAFTERS SX-43

Date: Fri, 13 Nov 1998 07:53:33 -0600

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

For those interested in old boatanchors, this is the last day for Ebay auction on this SX-43. There is a link to a matching R44 speaker at:

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=40466693>

Message-Id: <3.0.1.32.19981113150407.008588a0@192.168.0.1>
Date: Fri, 13 Nov 1998 15:04:07 +0100
To: Old Tube Radios <boatanchors@theporch.com>
From: "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
Subject: Re: FA: LAST DAY - HALLICRAFTERS SX-43
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

>For those interested in old boatanchors, this is the last day for Ebay
>auction on this SX-43. There is a link to a matching R44 speaker at:

<link _snipped_>

Oh!. Thanks for the reminder!

But curiously enough, the reserve price hasn't yet been met... Has this
anything to do with the courtesy of telling all of us it is last day???

Just curious...

Please, let's go back to enjoy BAs, don't trafficcate with them!

Of course, this is just my opinion and I may be wrong.

Best regards.

JOSE

73 EB5AGV / EC5AAU
JOSE V. GAVILA
Ausias March 46, 15
46910 Benetusser - VALENCIA
SPAIN

*** VISIT MY VINTAGE RADIO SITE - updated 25-October-1998 ***
<http://www.geocities.com/SiliconValley/6992/>

Message-ID: <364C40EE.58A5@primus-online.de>
Date: Fri, 13 Nov 1998 15:23:55 +0100
From: Heinz und Hannelore Breuer <hbreuer@primus-online.de>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: FA: LAST DAY - HALLICRAFTERS SX-43
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Terry,

by looking at your SX-43 on EBay I just learned a new meaning of "original condition". You offer a SX-43 with wrong knobs and after receiving comments about it, you stated that "original" means that y o u didn't change anything.

I sure hope that nobody adopts this for future ads.

73

Heinz - KF6FNC

PS: The current bid is \$203 and "reserve not met". Dachis' book lists \$75 to \$125. I am a vivid Hallicrafters collector and bought quite a few units at sometimes twice the Dachis amount but this was for excellent units in true "original" condition.

Date: Fri, 13 Nov 1998 08:24:13 -0600 (CST)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Max Level 15 dB??
Message-ID: <Pine.ULT.3.96.981113082249.10910B-1000000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> > > That's the trouble with the deciBel, it's a "compared to what?"
>
> And where I work it's dB of light intensity in visual field charting...

For calibrating sound measurement equipment, I have a Barometer with a dB scale.

"Nostalgia is a thing of the past"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From: K1HC@aol.com
Message-ID: <558db83f.364c47df@aol.com>
Date: Fri, 13 Nov 1998 09:53:19 EST
To: Old Tube Radios <boatanchors@theporch.com>

Mime-Version: 1.0
Subject: RELiant (Eldico?) Type S-119 System
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Greetings to all the knowledgable BA newsgroup folks! I just acquired a "RELiant Type S-119 Amateur - Special SSB Communications System" It was made by Radio Engineering Laboratories of NY, and was apparently bought at Harrison Radio of NYC. I thought Eldico was the brand name, based upon an odd piece I had picked up long ago, but this equipment has the RELiant green and black label on the front. It consist of the T-102 xmtr, R-104 rcvr, M-135 control unit (watt meter, phone patch, other) and the P-109 power supply. It is grey in color, unlike the green Eldico station console I had picked up long ago. Also have an odd collection of typed pages and reverse color photocopies of pictures of the gear all in the 3 ring binder to make up the owner's manual. I had heard it was limited production because of patent and/or copyright infringement by Collins, or maybe it was just not a good seller! Any insights, comments, suggestions on the gear would be appreciated. Thanks!

Dick, K1HC
Westwood, MA

Message-Id: <9811131454.AA21289@ct.picker.com>
From: "Ed Santavicca" <santavic@ct.picker.com>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Fri, 13 Nov 1998 09:52:56 -0500
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: Quoted-printable
Subject: dry-transfers

I finally found it!! It wasn't posted on the list at all. A co-worker found it in the Digi-Key catalog, and told me about it several months ago. (the mind goes 1st) It's a product made by DynaArt Designs and is called the toner transfer system. For \$27.95 they supply 10 transfer sheets. It can make full color decals too. This is their info.

DynaArt Designs
3535 Stillmeadow Lane
Lancaster, California 93536-6624
Phone: (805) 943-4746
FAX: (805) 943-3776

Digi-Key has a web site with an online catalog.

<http://www.digikey.com/>

This sounds like a great product. You could scan BA logos and completely refurbish badly damaged panels.

73, Ed Santavicca

AA8TV

Message-Id: <3.0.5.32.19981113102518.008a2d50@pop.pipeline.com>
Date: Fri, 13 Nov 1998 10:25:18 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: E-bay and "boatanchors" the list
Cc: listtown@jackatak.theporch.com
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gentlemen....

Before this gets out of hand can we all step back, take a deep breath or three, and suspend all of the following until everybody gets the "JackAttack" <tm> I just **know** will arrive in all our mailboxes soon?

- 1) FS/FA at e-bay, or any other auction house.
- 2) Price police comments about item 1.
- 3) E-bay stinks flames
- 4) Other comments related to list policy.

I have asked Jack to address this issue, and hope he will do so both publiclly and in private to those affected shortly.

As background material for new and old:

- 1) The reason this paid subscription list exists is because we all like these old radios. While buying and selling of them has been a part of the list for some time now, auctioning of equipment in **this** venue has often caused problems in the past.
- 2) Flames have **always** been in poor taste here.
- 3) No one on this list has the right to determine how **you** chose to dispose of **your** equipment. However we **do** have a few written rules and some unwritten guidelines for this list which all the old timers know.
In the past, auctioning of equipment on **this** list has been

considered by many members to be in poor taste.
Because of this, you seldom see them here.

In the last few days, e-bay pointers have started to appear.
I believe many people, (including myself) expected Jack to have
his normal quiet private word with people concerning them.
Before this gets out of hand, I've asked him to make a list wide
statement.

Pending his response, could we please take this to *private*
mail.

Thank you for your valuable time, and thank you in advance for
your forbearance.

Sincerely
-Larry Ware

Larry Ware
Admirer, Collector, Restorer of National Radio Company
receivers and other artifacts.
Orlando, Florida
lrware@pipeline.com

Content-return: allowed
Date: Fri, 13 Nov 1998 09:57:00 -0500
From: "Owens, Clarence" <owensc@nebeng.otis.com>
Subject: Re: FA: LAST DAY - HALLICRAFTERS SX-43
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0F2D001MX8BCU3@mailman.otis.com>
MIME-version: 1.0
Content-type: text/plain

Jose wrote:

>Please, let's go back to enjoy BAs, don't trafficcate with them!

>Of course, this is just my opinion and I may be wrong.

>Best regards.

>JOSE

And I agree 100%! If I wanted auction news I'd be a regular viewer of the

auction lists. I have a great fondness for old boatanchors, but am only rarely interested in either the latest news about what is for sale on ebay or what it sold for.

I *am* interested in the normal topics of this list, like collecting, preserving and restoring these old treasures and other technical topic threads that develop.

I think it's a good thing that people outside of our collecting hobby are becoming aware that putting BA's into the dumpster is a poor idea, even if their only interest is monetary, not historic, since that interest will preserve more of them for us and future generations.

It just seems distasteful to me to constantly see the ebay references on this list.

73,

Clare Owens N2RJB

Message-Id: <103130302b27206d251ba@[199.34.24.30]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Fri, 13 Nov 1998 10:01:21 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "Jay H. Miller" <jmiller@teleteam.net>
Subject: Junk Box Search

Gang-

I need three or four female AC power cable plugs to fit General Radio instruments.

Detailed description is:
2-pole, polarized.
Cable goes through a 5/16 hole in the rear.
Bakelite construction.
Just about 15/16" diameter.
About 1 1/8" long.
Two slotted screws in front.
Knurled grip ring about 2/3 down the shell.
OEM was General Electric (probably others)
Rated 10A @ 125v or 18A at 250v

These items have disappeared from normal channels of distribution! Any help out there?

***** ##### *****
 Jay H. Miller, KK5IM Dallas, Texas
 The Pocket Guide to Collins Amateur Radio Equipment
 ARRL * AMI#846 * DXCC
 E-Mail: jmiller@teleteam.net
 Visit My Home Page: <http://www.teleteam.com/~jmiller/>
 ***** Proud to be 100% Macintosh since 1984! *****

 Message-Id: <103130300b2720940e425@[199.34.24.30]>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"
 Date: Fri, 13 Nov 1998 10:06:15 -0600
 To: Old Tube Radios <boatanchors@theporch.com>
 From: "Jay H. Miller" <jmiller@teleteam.net>
 Subject: Junk Box Search- Clarification

Gang-

I need three or four female AC power cable plugs to fit General Radio instruments.

Detailed description is:
 2-pole, polarized. NOT TWIST-LOK!
 Cable goes through a 5/16 hole in the rear.
 Bakelite construction.
 Just about 15/16" diameter.
 About 1 1/8" long.
 Two slotted screws in front.
 Knurled grip ring about 2/3 down the shell.
 OEM was General Electric (probably others)
 Rated 10A @ 125v or 18A at 250v

These items have disappeared from normal channels of distribution! Any help out there?

***** ##### *****
 Jay H. Miller, KK5IM Dallas, Texas
 The Pocket Guide to Collins Amateur Radio Equipment
 ARRL * AMI#846 * DXCC
 E-Mail: jmiller@teleteam.net
 Visit My Home Page: <http://www.teleteam.com/~jmiller/>
 ***** Proud to be 100% Macintosh since 1984! *****

Content-return: allowed

Date: Fri, 13 Nov 1998 11:09:47 -0500

From: "Schroeder, Russell G" <Russell.Schroeder@usa.xerox.com>

Subject: GF-11 request

To: Old Tube Radios <boatanchors@theporch.com>

Cc: "Schroeder, Russell G" <Russell.Schroeder@usa.xerox.com>

Message-id: <9F978D0493DBD1119C2D00805FC736152DA814@usa0207ms1.eng.mc.xerox.com>

MIME-version: 1.0

Content-type: text/plain

Hollowstaters,

A small, lonely orphan followed me home, begging for help. The unit is a GF-11 transmitter with a GF-12 tuning unit for 7350-9100 kc. Unfortunately, it is missing the tubes (2 ea. 89 and 2 ea. 837) in addition to a missing cover over the tubes. Anyone have any used tubes available? I would like to find the top cover as well as the plug-in coils for 80 and 40 meters to allow me to mate it with a RU-18 receiver. Any help and / or leads appreciated.

73 Russ W2DYY

Russell.Schroeder@usa.xerox.com

Message-Id: <199811131618.LAA78482@ns1-1.CC.Lehigh.EDU>

Date: Fri, 13 Nov 1998 11:18:54 EST

From: ail0@lehigh.edu (ARTHUR I. LARKY)

Subject: Re: Max Level 15 dB??

To: Old Tube Radios <boatanchors@theporch.com>

Yes,

watts = V-squared/R

V-squared = watts * R, which for one milliwatt and 600 ohms = 0.600

The square root of 0.600 = 0.7745966, which certainly looks like 0.77 on a meter scale. So, at least for hp's idea of audio, 0 dbm is 1 milliwatt across 600 ohms. When I was doing carrier-current broadcasting at Lehigh University many, many years ago, that's the way the studio meters were calibrated. I believe it had to do with the power levels Ma Bell (Ma AT&T) permitted on their lines.

As has been pointed out, there are different reference levels for different applications.

Art K3HBA

>Interesting. A Triplet (never could spell that) 630 VOM, an HP 400D

>and an HP 403B all have .77 volts AC for 0 dB. An HP 400GL, which is

>linear in dB (and early SS) has 1 volt as 0 dB.
>
>So I guess you'd use 0.9 volts AC for an engineering estimate ...
>
>Regards,
>Bill Hawkins
>

Message-Id: <3.0.1.16.19981113114015.32bf312c@email.scasd.k12.pa.us>
Date: Fri, 13 Nov 1998 11:40:15 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Doug Ripka <dlr11@scasd.k12.pa.us>
Subject: books for sale
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

I have the following books and a vibrokeyer that I want to move on to new homes, as they are either duplicates or of no use to me:

Equipment:

Vibroplex Vibrokeyer standard, S/N 103308, 1 year old, \$100

Radio/Electronics books for sale, all prices are plus postage:

Radio:

Practical Radio Communication, Nilson and Hornung, 1935, \$6
Radio Operating Questions and Answers, Nilson and Hornung, \$4
Radio Amateur's Handbook, 1952, \$10
Radio Amateur's Handbook, 1956, \$10
Basic Radio, Hoag, 1942, \$5
Practical Radio Mathematics booklet, Beitman, has section on fixing radios, cover loose, \$1
Ultra High Frequency Techniques, 1942, damaged cover, \$1
Radio Databook, Boyce and Roche, \$6

Electricity/Electronics:

Electronics in Industry, 3rd edition, Chute, \$3
Basic Electricity, Beauchamp and Mayfield, 1943, \$3
Heathkit IT-17 tube checker manual, and data book, some damage, but useable, \$5
RCA tube manual RC-14, 1940, soiled but very useable, \$5
Hawkins Electrical Guide series, 10 volumes \$15

SAMS:

I have a great deal of loose (in envelopes) SAMS photofacts and some auto radio photofacts

This is only a partial listing. \$1.00 each.

AR series--

18, 23, 25, 26, 27, 28, 29, 36, 40, 47, 50, 77, 82, 90

Folders--

2, 19, 38, 59, 65, 67, 75, 77, 78, 79, 93, 93A, 97, 100, 103, 104, 105, 108, 109, 114, 115, 116, 118, 121, 123, 131, 140, 158, 171, 173, 180, 183, 187, 201, 210, 229, 233, 234, 243, 249, 251, 260, 261, 263, 269, 270, 272, 274, 279, 280, 284, 287, 297, 299, 308, 309, 311, 312, 313, 314, 315, 320, 322, 324, 330, 339, 340, 354, 355 plus many more up through the 1300's. Will sell whole set for \$100, probably 300-400 folders total.

Thanks,

Doug

From: thompson@mindspring.com
Message-ID: <005101be0f2a\$24499e00\$4af445cf@default>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: RELiant (Eldico?) Type S-119 System
Date: Fri, 13 Nov 1998 12:22:03 -0500

-----Original Message-----
From: K1HC@aol.com <K1HC@aol.com>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Friday, November 13, 1998 9:54 AM
Subject: RELiant (Eldico?) Type S-119 System

>Greetings to all the knowledgable BA newsgroup folks! I just acquired a
>"RELiant Type S-119 Amateur - Special SSB Communications System" It was
made
>by Radio Engineering Laboratories of NY, and was apparently bought at
Harrison
>Radio of NYC. I thought Eldico was the brand name, based upon an odd piece
I

Eldico became a subsidiary of REL at least twice the last being 1961. Don Merten K2AAA had a contract to produce 1600 of the S-119 system. He

produced most of the 1600 and finally REL (they also made a couple of amps that show up in ham markets) took over and Eldico disappeared. They made several hundred sets as they were extremely popular with MARS stations and even Project Mercury got their share. Not many of the REL sets have showed up on the used market. Bil Harrison was a big Eldico supporter so not surprising the set was sold by Harrison Radio.

The gear is often called "Collins Clones" but was built to MARS specs by Eldico/REL. Mr. Merten disliked the clone label as he would tell you there were better.

Collins did try to sue to stop the system from competing with the S Line. The appearance of the Heath SB300/400 series blew away that suit and REL was no longer making them anyway.

The system consisted of the RX, the TX, the TX PS, the control panel with watt meter/patch, and an elaborate cabling system. The system was actually more flexible for split and changing VFO's than either Collins or the later Heath SB series.

The main problem is the PTO tuning became very stiff in many of the sets (at least 50%). I often got stiff wrists from using the systems I had.

The REL/Eldico gear is some of the best early SSB gear produced and well worth investing in.....at usually much less than Collins.

Dave K4JRB

End of BOATANCHORS Digest 2299
